

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re accompanying application of )  
TIMOTHY M. NISBET ET AL )  
PROCESS FOR THE PREPARATION OF )  
PROPYLENE GLYCOL )  
\_\_\_\_\_ )

March 25, 2004

COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.56 AND 1.97**

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents are enclosed.

For a foreign language document or documents, an English language translation is provided where it is readily available to Applicant's attorney. If no translation is available, an English language counterpart, where available, is provided or an English language abstract, where available, is provided.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialling next to each item submitted by the Applicant.

Respectfully submitted,

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By 

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Enclosure

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
TS-1308 (US)

APPLICATION NUMBER

LIST OF INFORMATION PROVIDED  
BY APPLICANTAPPLICANT  
TIMOTHY M. NISBET ET AL

(Use several sheets if necessary)

FILING DATE

GROUP ART UNIT

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	2,575,403	11/51	Young et al	260	618	
	AB	3,927,120	12/75	Grane et al	260	618	
	AC	4,160,746	7/79	Rashkin	252	468	
	AD	4,208,539	6/80	Rashkin	568	814	
	AE	6,046,369	4/00	Oku et al	568	814	
	AF	2001/0016671	8/01	Oku et al	568	780	
	AG						
	AH						
	AI						
	AJ						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AK	714,877	6/96	EP				
	AL	587,181	4/47	GB				
	AM	56/131,541	1981	JP (Abstract)				
	AN	461,521	1978	Spain (Abstract)				
	AO							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AP	CRC Handbook of Chemistry and Physics, 72 <sup>nd</sup> Ed., 1991, pgs. 1-11.
	AQ	Ulmann's Encyclopedia of Industrial Chem., 5 <sup>th</sup> Ed., Vol. A13, pgs. 407-410.
	AR	R. V. Malyala et al, "Activity, Selectivity and Stability of Ni and Bimetallic Ni-Pt Supported on Zeolite Y Catalysts for Hydrogenation of Acetophenone and its Substituted Derivatives, Applied Catalysis, A: General 193 (2000), pgs. 71-86.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.